GENERAL AND REVENUE SECRETARIAT.

1904-05

(Gl Finance)

File No. 35

Serial Nos.

Papers Filed.

Month May 05

SUBJECT.

Scale of Establishment for the Bangalore Electric Power & Light Scheme

GENERAL AND REVENUE SECRETARIAT.

(Gen - Fin)

NOTES.

File No. 351

FILE HEADING.

The Scale of the Establishment required for the Bangalore Power & Lighting schem

From The Secretary to Govt in the P.W. De

351-3 / 2218-20 Dated 31-3-05 Received 3-4-05

Diary No. 4043 Enclos. nil Spare Copies.- Serial No. 1

BRIEF ABSTRACT OF LETTER.

Sanctions certain ~~scale~~ scale of the Establishment required for the Bangalore Power & Lighting Scheme-

NOTES AND ORDERS.

This is simply submitted for information
May then be filed
Submitted for orders
8/4/05

subd to Secy for information
8.4.05

10/4/1905

File
10.4.05

MGCPB -30,000-17 2-05.

G.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Diary No: 4320.

The Secy to Govt. P.W.D forwards 4 spare copies of his order sanctioning the scale of the estt: reqd. for the Bangalore P.Wr & lighting scheme.

A mss copy was received some time back, which has been filed. (see File No: 357-04).

Subd. for orders whether this order issued in the P.W.D Sectt: may be confirmed in the Fl: Deptt: without a special refce: therefore either from the Compt: or from the P.W.D Secy or may this be simply file.

K.S
22/4/05 ~~20.5~~

Registrar)

The Confirmation of the order in the Financial Branch is I think necessary. The Compt does not audit this expenditure & so may not ask for its confirmation. All the same the order requires such confirmation & the action shd have been taken when the manuscript order was received. Please put up a draft order accordingly. But why shd. not the original order itself issue from the Financial Branch? Please ask the Council Clerk why the file was sent away to the PWD before the order issued from the General Dept.

27/4/05

Submitted with a draft confirming the order of the P.W. Deptt

K.S
27/4/05

Draft [illegible]

27/4/05

N. B.—Should routine notes be written on small Slips, the notes must be copied, or slips pasted on this form.

G.R.S. 12]
General and Revenue
Secretariat.

File No. 357 of 1905

Serial No. 1

To the Secy to Govt. P.W.D., the Comptr. & the Examiner. P.W. & Ry. Accts. No. 7383-5 Dt the 2-5-05.

Confirms the preceding G.O. in the Financial Deptt.

PROCEEDINGS OF THE GOVERNMENT OF H.H.THE MAHARAJAH OF MYSORE.

PUBLIC WORKS DEPARTMENT.

Read:-

(1) Note dated 31st January 1905,from the Superintending Engineer,Western Circle,forwarding for sanction letter No.41 of the 9th idem,from the Chief Electrical Engineer,submitting proposals for the scale of establishment to be entertained in connection with the Bangalore Power and Lighting Scheme.

In the original Note submitted by Major A.J.de Lotbinie R.E.,on the introduction of Electric Light into the Civil and Military Station and City of Bangalore the probable working expenses were estimated to cost Rs.50,000/- per annum.

The proposal now received from the Chief Electrical Engineer,works out to a minimum of Rs.10,800/- with a maximum limit of Rs.25,440/- per annum as detailed below.

	Minimum	Maximum	Per mense
3. Divisional Superintendents	Rs. 300	Rs.900	do
9, Operators	Rs. 270	Rs.720	do
1. Spare Operator	Rs. 30	Rs. 50	do
9 Coolies	Rs. 108	Rs.108	do
3. Conservancy coolies	Rs. 30	Rs. 30	do
3. Line and lamp inspectors	Rs. 90	Rs.240	do
6. Line coolies	Rs. 72	Rs. 72	do

Total per mensem Rs. 900--- 2,120/-

average per mensem Rs. 1,510/- or per annum Rs. 18,120/-

This leaves a good margin for "Sinking Fund" and "Maintenance" of the plant.

In Note referred to above a sinking fund of 20% on the gross income was allowed for.

After the completion of the Lighting Installation our annual income may safely be calculated to amount to Rs.1,18,000 as per detail given below.This income should steadily increase

increase as customers come in.

From the City Municipality---------------------- Rs. 15,000
From the Civil and Military Station Municipality-- Rs. 25,000
From the Bangalore Woollen,Cotton and Silk Mills Co. 36,000
From Power supplied to private consumers----------- Rs. 12,000
From Power supplied to private houses for lighting-Rs. 30,000

Total Rupees. 1,18,000

20% on the assumed income of Rs.1,18,000 per annum is Rs.23,600/-

Chief Electrical Engineer estimates the cost of renewals &c at Rs. 10,200/- per annum as noted below:-

Renewals------------------------------------Rs; 400 per month.
plant maintenance---------------------------Rs. 250----do---
Building maintenance------------------------Rs. 100----do----
Contingencies &c----------------------------Rs. 100----do----

Total Rs. 850 per month
or Rs. 10,200 per annum.

Therefore our financial position should be as follows:-

INCOME . for 1st year gradually increasing----------Rs. 1,18,000

EXPENDITURE . (non increasing)

Staff-----------------Rs. 18,120
Repairs and renewals-------10,200
Sinking Fund--------------23,600
Total Rs.------ 51,920
Balance interest on Capital -----Rs.66,080
11 per cent.

ACCOUNTS.

A special clerk is allowed for accounts.It is doubtful whether one clerk will be able to cope with the accounts work as he will have to maintain full accounts re revenue collected and also to prepare bills for all arrears of revenue due from parties.This question may be referred to the Examiner.

Examiner, P.W. Accounts of Mysore, for opinion.

In the concluding portion of his Note under reference Mr. Gibbs suggests giving a bonus each 6 months of Rs.100/- and a second of Rs. 50/- to the Divisional Superintendents who have the best and the second best record of operation and general up-keep in their divisions.

This suggestion is a good one and in keeping with busines practice.

(2) P.W. Secretary's Note dated 9th February 1905, recommen-ing sanction to the scale of staff proposed.

I put up Chief Electrical Engineer's letter No.41 of the 9th ultimo, submitting proposals for the establishment required for the Bangalore Power and Lighting Scheme, now that the work has considerably advanced.

~~With~~ When the scheme was originally formulated by Major de Lotbiniere, he estimated the annual maintenance charges at Rs.50,000 and the annual income from different sources at Rs.1,77,000-Vide his Note printed in Government proceedings (P.W) No.368-71/2082-5 dated 4th April 1904.

From his present forwarding Note it will be seen that th annual income is calculated to amount to Rs.1,18,000 as shown therein, and the expenditure on staff, repairs and renewals including the sum set apart as sinking fund for future renewals, depreciation of plant, &c at 20 per cent, amounts to Rs.51,920 leaving a balance of Rs.66,080 which represents our net earning or 11 per cent interest on our outlay of 6 lakhs.

The establishment as detailed in the Note amounts to Rs.18,120 per annum, and I recommend the scale of staff proposed being sanctioned ftom the date the scheme is ready to work. The exact date of its commencement cannot, at present, be stated but it will probably be about the 1st May next.

The outlay for the 2 months of this official year may be put down at

(1) Establishment------------------Rs. 2,100

(2) Repairs and renewals --------- Rs. 1,600

Total Rs. ---- 3,700

which will be met from the Budget provision for the Cauvery Power Scheme.

11. Provision will be made for the next year's expenditure under staff &c in the Cauvery Power Scheme Budget for 1905-06.

&&&&&&&&&&&&&&&&&

No. $\frac{351-53}{22/8-20}$ Dated Bangalore 31st March 1905.

ORDER THEREON:-

The Government of H.H. the Maharajah have been pleased to sanctioned the marginally noted scale of establishment being entertained for the Bangalore Lighting and Power Scheme, costing per mensem, Minimum Rs. 900 and maximum Rs. 2,120. All Superintendents, Inspectors and Operators, will invariably start on the minimum pay rising by yearly increments of Rs.10/- unless under the special sanction of Government. Proposals for filling up the several appointments should be submitted for approval in due course.

	Establishment.	Minimum	Maximum
(1)	3 Divisional Superintendents at Rs.100-10-300 each	Rs.300	Rs.900
(2)	9 Operators at Rs.30-10-80 each	Rs.270	Rs.720
(3)	1 Spare Operator at Rs.30-10-50	Rs. 30	Rs. 50
(4)	3 Line and Lamp Inspectors at Rs. 30-10-80 each	Rs. 90	Rs.240
(5)	9 Coolies at Rs.12 each	Rs.108	Rs.108
(6)	6 Line Coolies at Rs. 12 each	Rs. 72	72
(7)	3 Conservancy coolies at Rs. 10 each	30	30
	Total Rs.	900	Rs. 2,120

11. Only one special clerk is proposed for keeping the accounts. As it is doubtful whether one clerk would be able to cope with all the accounts work, Viz maintaining full accounts of revenue collected preparing bills for all arrears of revenue due from parties &c the Examiner is requested to report if one

one hand will be sufficient for the purpose; if not, how many and on what pay each.

W L Traill

Captain, R.E.

For Secretary to the Government

of Mysore P.W.D.

To,

The Superintending Engineer, Western Circle.

The Examiner, P.W. Accounts of Mysore.

The Secretary to Government of H.H. the Maharajah of Mysore,

General and Revenue Departments.

Proceedings of the Government of His Highness the Maharaja of Mysore.

READ—

(1) Note dated 31st January 1905, from the Superintending Engineer, Western Circle, forwarding for sanction letter No. 41 of the 9th idem, from the Chief Electrical Engineer, submitting proposals for the scale of establishment to be entertained in connection with the Bangalore Power and Lighting Scheme :—

In the original note submitted by Major A. J. de Lotbiniere, R.E., on the introduction of Electric Light into the Civil and Military Station and City of Bangalore, the probable working expenses were estimated to cost Rs. 50,000 per annum.

The proposal now received from the Chief Electrical Engineer, works out to a minimum of Rs. 10,800 with a maximum limit of Rs. 25,440 per annum as detailed below :—

	Minimum. Rs.	Maximum. Rs.	Per mensem.
3 Divisional Superintendents	300	900	do
9 Operators	270	720	do
1 Spare Operator	30	50	do
9 Coolies	108	108	do
3 Conservancy coolies	30	30	do
3 Line and Lamp Inspectors	90	240	do
6 Line coolies	72	72	do
Total per mensem	900	2,120	

Average per mensem Rs. 1,510, or per annum Rs. 18,120.

This leaves a good margin for "Sinking Fund" and "Maintenance" of the plant.

In note referred to above a sinking fund of 20 per cent on the gross income was allowed for.

After the completion of the lighting installation, our annual income may safely be calculated to amount to Rs. 1,18,000 as per detail given below. This income should steadily increase as customers come in.

	Rs.
From the City Municipality	15,000
From the Civil and Military Station Municipality ...	25,000
From the Bangalore Woollen, Cotton and Silk Mills Co. ..	36,000
From Power supplied to private consumers	12,000
Prom Power supplied to private houses for lighting ...	30,000
Total	1,18,000

20 per cent on the assumed income of Rs. 1,18,000 per annum is Rs. 23,600.

Chief Electrical Engineer estimates the cost of renewals, etc., at Rs. 10,200 per annum as noted below :—

	Rs.	
Renewals ...	400	per month.
Plant maintenance ...	250	Do
Building maintenance ...	100	Do
Contingencies, etc. ..	100	Do
Total	850	per month or Rs. 10,200 per annum.

Therefore our financial position should be as follows :—

	Rs.	Rs.
Income.—For first year (gradually increasing) ...		1,18,000
Expenditure.—(Non-increasing). —		
Staff ...	18,120	
Repairs and renewals ...	10,200	
Sinking Fund ...	23,600	
Total	51,920	
Balance interest on capital	11 per cent	66,080

Accounts.—A special clerk is allowed for accounts. It is doubtful whether one clerk will be able to cope with the accounts work as he will have to maintain full accounts *re* revenue collected and also to prepare bills for all arrears of revenue due from parties. This question may be referred to the Examiner, Public Works Accounts of Mysore, for opinion.

In the concluding portion of his note under reference, Mr. Gibbs suggests giving a bonus each six months of Rs. 100 and a second of Rs. 50 to the Divisional Superintendents who have the best and the second best record of operation and general up-keep in their divisions.

This suggestion is a good one and in keeping with business practice.

(2) Public Works Secretary's note dated 9th February 1905, recommending sanction to the scale of staff proposed :—

I put up Chief Electrical Engineer's letter No. 41 of the 9th ultimo, submitting proposals for the establishment required for the Bangalore Power and Lighting Scheme, now that the work has considerably advanced.

When the scheme was originally formulated by Major deLotbiniere, he estimated the annual maintenance charges at Rs. 50,000 and the annual income from different sources at Rs. 1,77,000 *vide* his note printed in Government Proceedings (P.W) No. 368-71—2082-5, dated 4th April 1904.

From his present forwarding note it will be seen that the annual income is calculated to amount to Rs. 1,18,000 as shown therein, and the expenditure on staff, repairs and renewals including the sum set apart as sinking fund for future renewals, depreciation of plant, etc., at 20 per cent amounts to Rs. 51,920, leaving a balance of Rs. 66,080, which represents our net earnings or 11 per cent interest on our outlay of six lakhs.

The establishment as detailed in the note amounts to Rs. 18,120 per annum, and I recommend the scale of staff proposed being sanctioned from the date the scheme is ready to work. The exact date of its commencement cannot at present be stated, but it will probably be about the 1st May next.

The outlay for the two months of this official year may be put down at—

			Rs.
(1) Establishment	...	...	2,100
(2) Repairs and renewals	...	...	1,600
		Total	3,700

which will be met from the budget provision for the Cauvery Power Scheme.

Provision will be made for the next year's expenditure under staff, etc., in the Cauvery Power Scheme budget for 1905-06.

No. 351-53—2218-20, DATED BANGALORE, 31ST MARCH 1905.

ORDER THEREON.—The Government of His Highness the Maharaja have been pleased to sanction the marginally noted scale of establishment being entertained for the Bangalore Lighting and Power Scheme costing per mensem, minimum Rs. 900 and maximum Rs. 2,120. All Superintendents, Inspectors and Operators will invariably start on the minimum pay rising by yearly increment of Rs. 10, unless under the special sanction of Government. Proposals for filling up the several appointments should be submitted for approval in due course.

Establishment.		*Minimum.* Rs.	*Maximum.* Rs.
(1) 3 Divisional Superintendents at Rs. 100—10—300 each	...	300	900
(2) 9 Operators at Rs. 30—10—80	...	270	720
(3) 1 Spare Operator at Rs. 30—10—50	...	30	50
(4) 3 Line and Lamp Inspectors at Rs. 30—10—80	...	90	240
(5) 9 Coolies at Rs. 12	...	108	108
(6) 6 Line Coolies at Rs. 12	...	72	72
(7) 3 Conservancy coolies at Rs. 10	...	30	30
Total	...	900	2,120

II. Only one special clerk is proposed for keeping the accounts. As it
ubtful whether one clerk would be able to cope with all the accounts work, *viz*
aintaining full accounts of revenue collected, preparing bills for all arrears
venue due from parties, etc., the Examiner is requested to report if one hand wi
sufficient for the purpose; if not, how many and on what pay each.

W. S. TRAILL, Captain, R.E.,
for *Secy. to Govt., P. W. Dep*

To—The Superintending Engineer, Western Circle.
The Examiner, Public Works Accounts of Mysore.
The Secretary to the Government of His Hisgness the Maharaja of Mysore, Gener
and Revenue Department.

GOVERNMENT OF HIS HIGHNES
THE MAHARAJA OF MYSORE

PUBLIC WORKS

PROCEEDINGS

Dated 31st March 1905

No. $\frac{351\text{-}53}{2218\text{-}20}$

Sanctioning certain scale of the Establishment required For the Bangalore Power and Lighting Scheme.

File No. 35
Serial No. 2

Proceedings of the Government of the Maharaja of Mysore.

GENERAL AND REVENUE SECRETARIAT.
(Gen. Fin.)

, the 2nd May 1905

Date of issue — do —

Signed by M. Subbarao (Chief

READ.

G.O: No: (P.W.D.) 351-53 / 2218-20 the 31.3.05, Sanctioning the marginally noted* scale of Estt being entertained for the Bangalo Lighting & Power Scheme Costin per mensem, minimum Rs: 9

and maximum Rs: 2120, and laying down that all Suptts: Inspectors & Operators should ~~will~~ invar ably start on the minimum pa rising by yearly increments Rs: 10, ~~unless under the Special sanction of Govt:~~

(1). 3 Divisional Suptts:	@ 100-10-300.	300.	900.
(2). 9 Operators.	@ 30-10-80.	270.	720.
(3). 1 Spare Operator.	@ 30-10-50.	30.	50.
(4). 3. Line & Lamp Inspectors	@ 30-10-80	90.	240.
(5). 9 Coolies @ Rs: 12.		108.	108.
(6). 6 Line Coolies @ Rs 12:		72.	72.
(7). 3. Conservancy Cooli.., at Rs: 10.		30.	30.

Order thereon:—

Confirmed.

H 7383-5
Gb Fin 357-04-2

28/4/05

Secretary.

under 27/4/05

To the Secretary to Govt. P.W. Deptt.

The Comptroller.

The Examiner, P.W Accounts.

K.S
27/4/05.